

How can I use the BASE function in excel to perform a specific calculation or function?

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The BASE function in Excel allows users to perform a specific calculation or function by converting a number from one base system to another. This function is useful for tasks such as converting binary numbers to decimal or hexadecimal numbers. By using the BASE function, users can easily manipulate numeric data and perform complex calculations with ease. This function is a valuable tool for data analysis and can be utilized in various scenarios to simplify and streamline calculations. By understanding how to use the BASE function, users can efficiently perform a wide range of functions and enhance their productivity in Excel.

This article describes the formula syntax and usage of the **BASE** function in Microsoft Excel.

Description

Converts a number into a text representation with the given radix (base).

Syntax

BASE(Number, Radix)

The BASE function syntax has the following arguments.

Number Required. The number that you want to convert. Must be an integer greater than or equal to 0 and less than 2^{53} .

Radix Required. The base radix that you want to convert the number into. Must be an integer greater than or equal to 2 and less than or equal to 36.

Min_length Optional. The minimum length of the returned string. Must be an integer greater than or equal to 0.

Remarks

If Number, Radix, or Min_length are outside the minimum or maximum constraints, BASE returns the #NUM! error value.

If Number is a non-numeric value, BASE returns the #VALUE! error value.

Any non-integer number entered as an argument is truncated to an integer.

If the Min_length argument is included, leading zeros are added to the result if the result would otherwise be shorter than the minimum length specified. For example, BASE(16,2) returns 10000,

but `BASE(16,2,8)` returns 00010000.

The maximum value of the `Min_length` argument is 255.

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